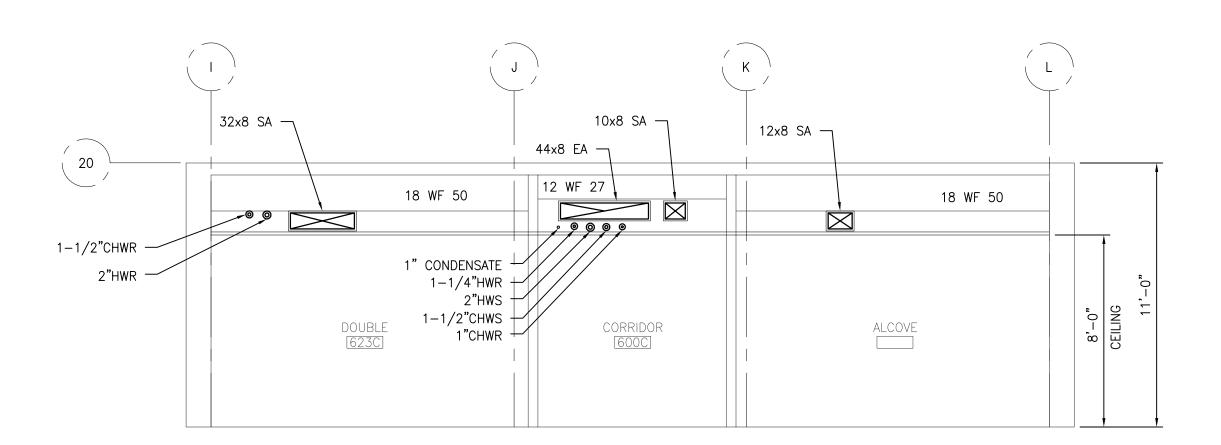
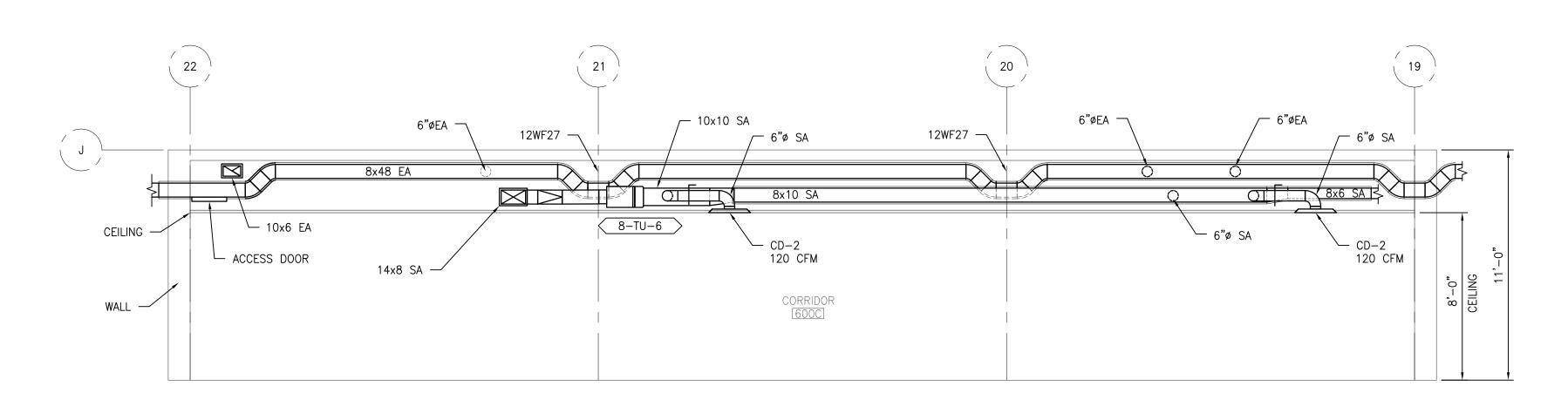


# 12x8 EA → 12 WF 27 12 WF 27 └ 1-1/2"CHWS L 2"HWS SINGLE [628C] EG-4 -160 CFM 160 CFM

#### PARTIAL SIXTH FLOOR SECTION 1-1 NEW DUCTWORK SCALE: 1/4" = 1'-0"



### 2 PARTIAL SIXTH FLOOR SECTION 2-2 NEW DUCTWORK SCALE: 1/4" = 1'-0"



3 PARTIAL SIXTH FLOOR SECTION 3-3 NEW DUCTWORK

SCALE: 1/4" = 1'-0"

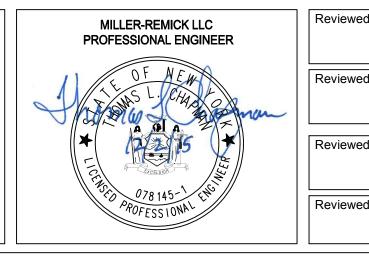
#### **100% FOR CONSTRUCTION FULLY SPRINKLERED**



Date

VA FORM 08-6231





Reviewed: Facility Manager  Reviewed: Facility Director	Drawing Title MECHANICAL DUCTWORK SECTIONS	Project Ti
Reviewed:	Approved: Project Director	Building I

RENOVATIO	N FOR 60	C	12-04-2018 Project No. 528A7-14-7
Building Number NO. 1	Checked	Drawn VRR	DRAWING NO.  MH-30
Location VAMC SYRACUS	E, NY		Dwg. 32 Of 7

**GENERAL SHEET NOTES:** 

1. ROOMS NOT ASSOCIATED WITH THIS PROJECT BUT CONNECTED BY SERVICES MUST

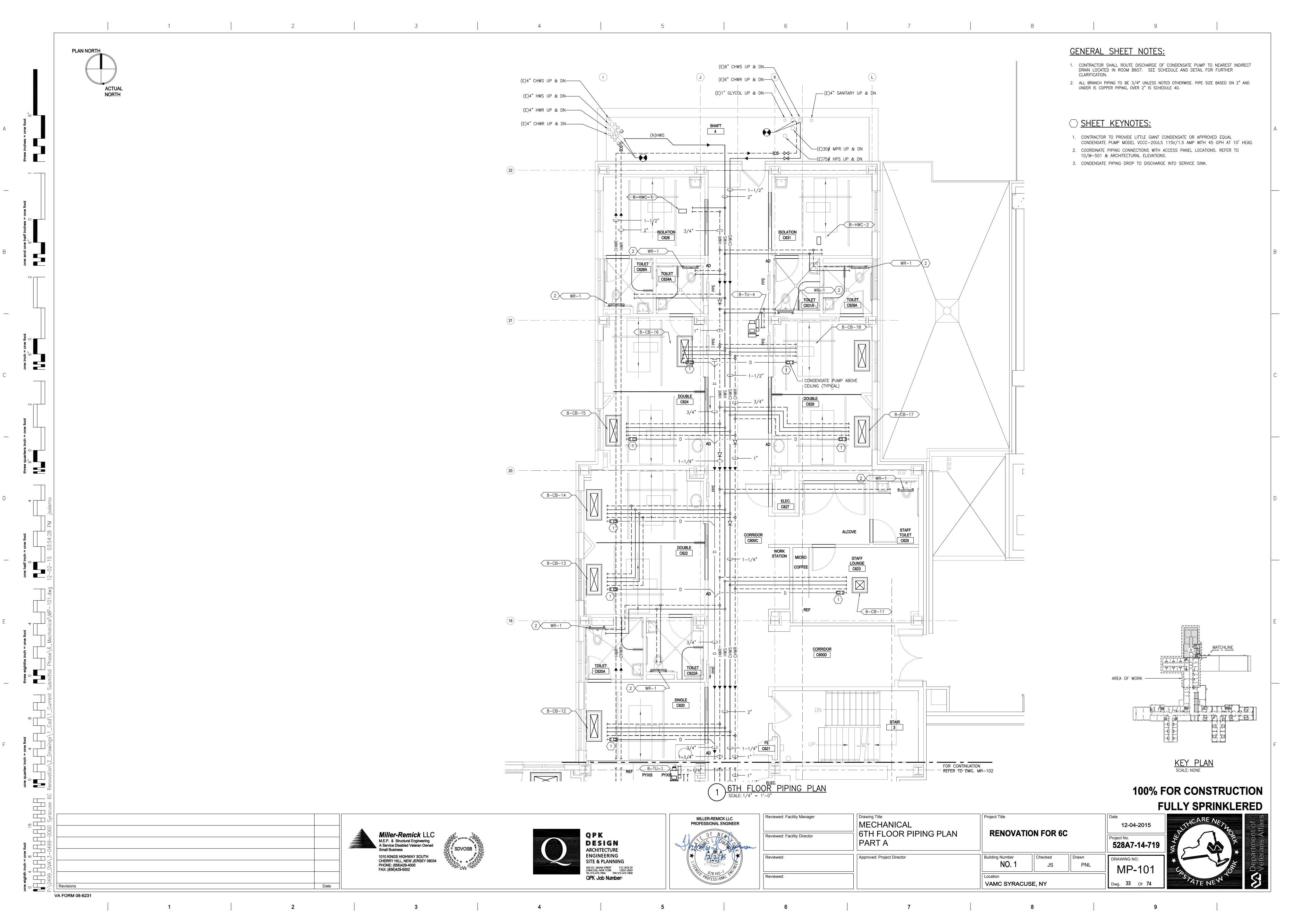
2. CONTRACTOR SHALL COORDINATE WITH INFECTION CONTROL AND PHASING PLANS. 3. CONTRACTOR TO COORDINATE NEW MECHANICAL WORK WITH THE NEW CABLE TRAY.

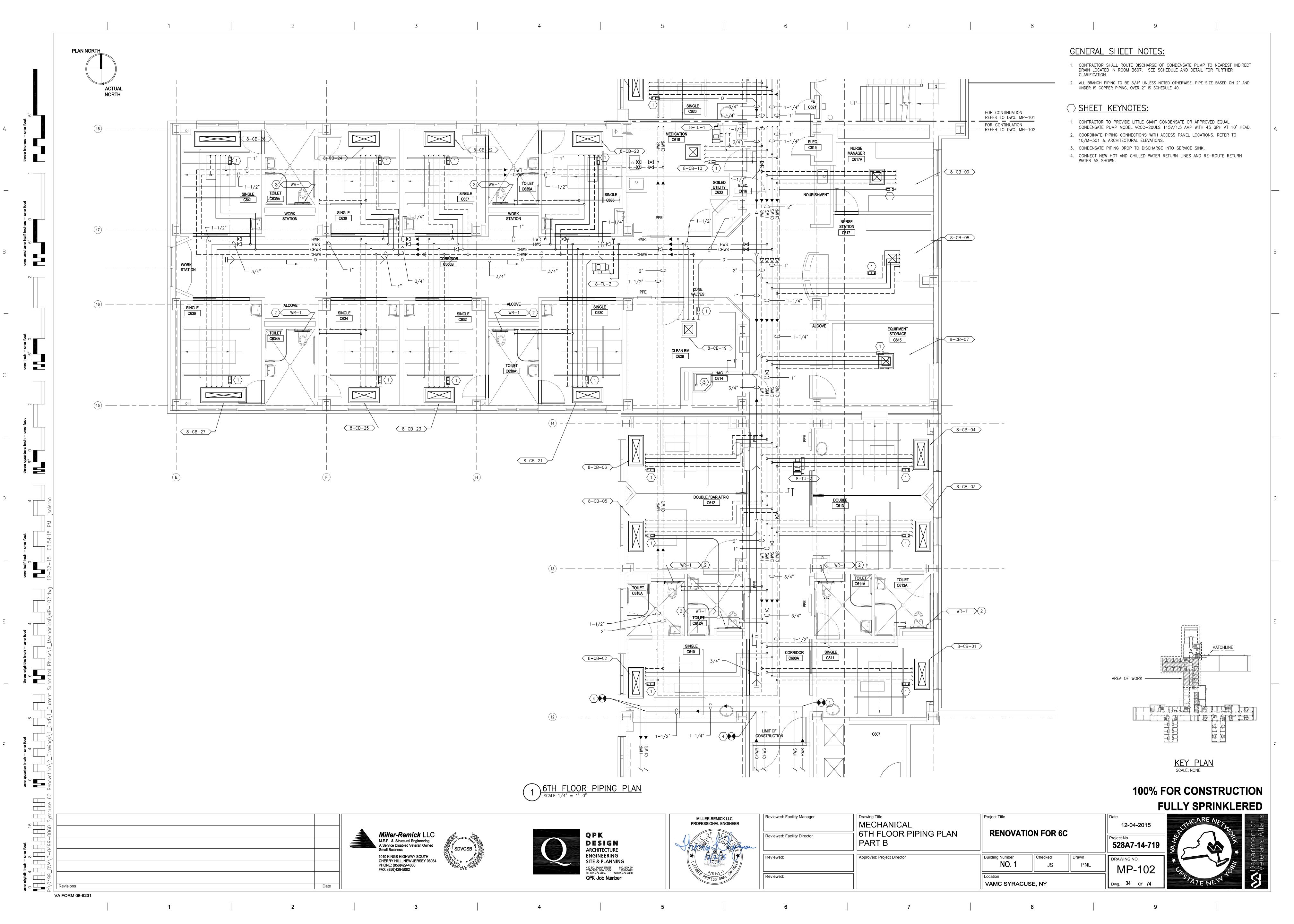
4. REFERENCE DRAWING MH-101 FOR ADDITIONAL INFORMATION.

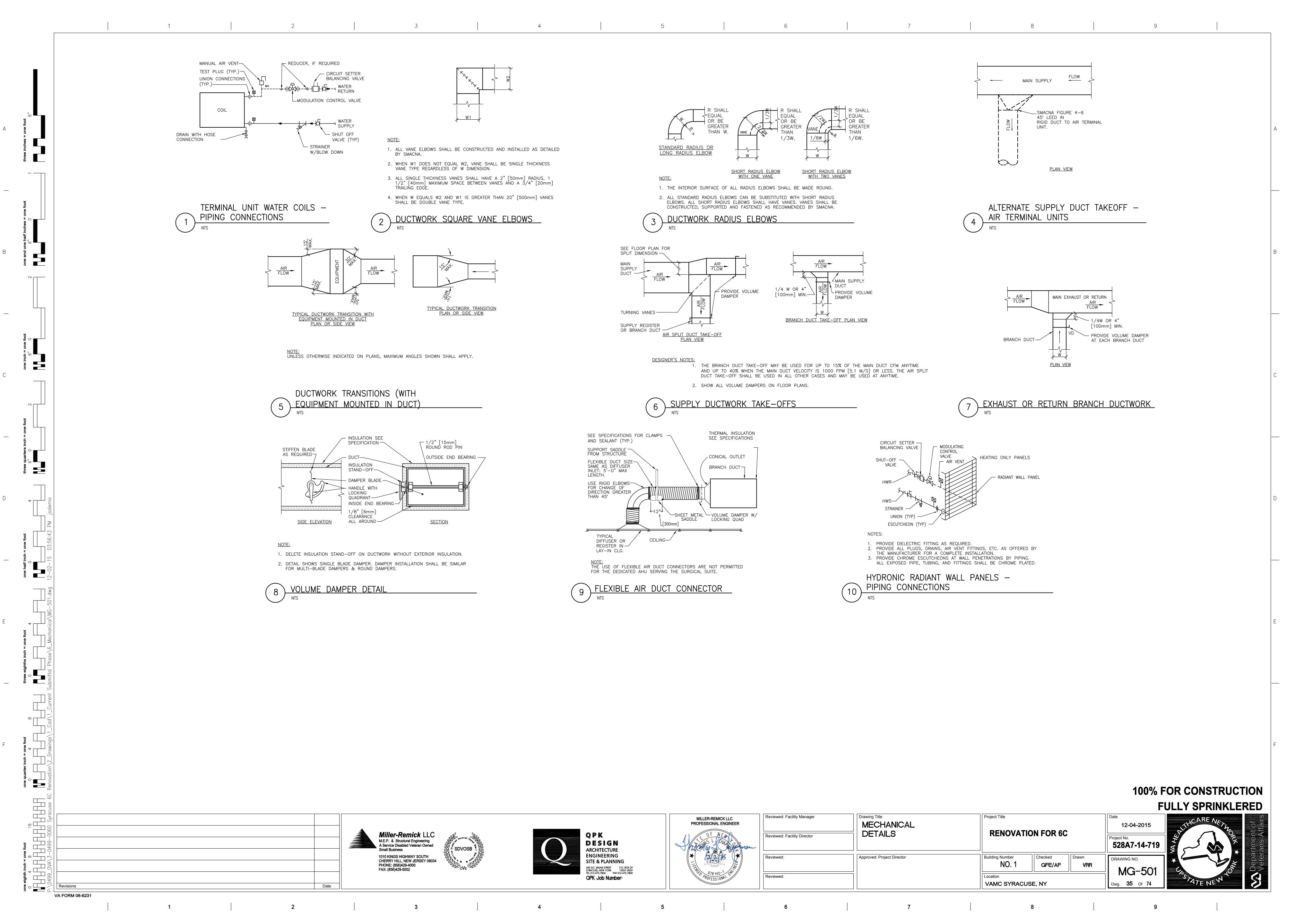
STAY ACTIVE DURING CONSTRUCTION. PROVIDE ALL NECESSARY TEMPORARY SERVICES, BYPASS DUCTWORK, BYPASS PIPING, DUCT OR PIPING CAPS, INSULATION, ETC. AS

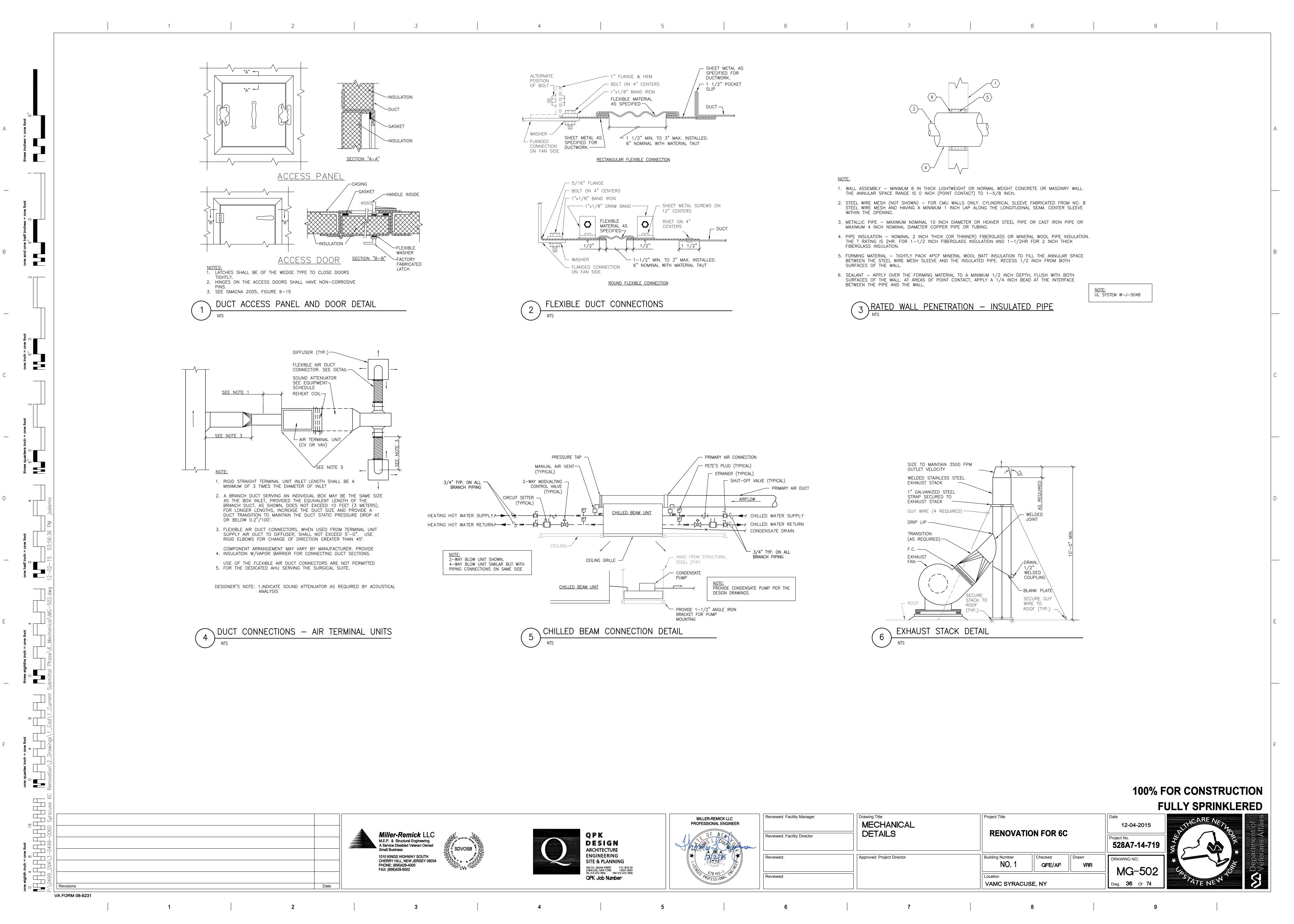
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015	ALTHCAI
<b>4-719</b>	
301	* CostaTE











VARIABLE AIR VOLUME TERMINAL UNIT SCHEDULE Min Oper (Primary | PD (in.wg) Model Tag ID Unit Size Reheat(CFM) Flow(GPM) CFM) SDV5 TU-1 2.6 60 106.1 0.5 160 149.6 0.15 1 50 0.02 SDV5 TU-2 5.1 55 90.1 130 0.06 130 0.5 160 139.3 0.21 1 160 137.9 0.27 1 SDV5 TU-3 8 355 200 0.08 200 6.5 55 84.2 0.6 SDV5 TU-4 8 8.1 55 79.1 0.7 485 300 0.14 300 160 136.5 0.35 1

1) NC's are derived from sound power levels obtained in accordance with ASHRAE Standard 130-2008 and AHRI Standard 880-2011, which include duct end reflection corrections.

2) Sound power performance resulting in dashes (--) are below significance as outlined by the AHRI880-2011 standard. 3) NC values are calculated based on procedures outlined in AHRI Standard 885-2008, "A Procedure for Estimating Occupied Space Sound Levels in the Application of Air Terminals and Air Outlets."

4) Sound power levels are given in decibels (dB).

5) Airflow is given in cubic feet per minute (cfm). 6) Minimum operating pressure is the minimum static pressure required to operate the terminal unit assembly at maximum primary flow with a wide open damper.

7) Air pressure drop is given in inches water gauge (in. w.g.), and water pressure drop is given in feet of water gauge (ft. w.g.).

8) Water coil performance is rated and certified in accordance with the latest edition of AHRI Standard 410. 9) Provide discharge air temperature sensor (DAT) downstream of all Reheat coils or coordinate with ATC Contractor. See Details 3 and 4 on drawing MG-603 AIR FLOW CONTROL DEVICE SCHEDULE (CV)

BASIS OF DESIGN NECK SIZE TAG CFM CFM CV-1 ACCUVALVE

1. CONTRACTOR TO INSTALL PER THE MANUFACTURER. 2. CONTRACTOR IS RESPONSIBLE FOR TRANSITIONING FROM THE CONTROL DEVISE TO THE DUCT WORK.

		FLAT	WALL RADIA	TION S	SCHED	ULE (WR)		
		ACTIVE PANEL SIZE		HEA	TING			
MARK	AREA AND/OR ROOM SERVED	WxH	HEATING CAPACITY	EWT	LWT	HOT WATER FLOWRATE	BASIS OF DESIGN (OR APPROVED EQUAL)	REMARKS
		IN	BTUH	°F	°F	GPM		
WR-1	SEE DRAWINGS MP-101 AND MP-102 FOR LOCATIONS AND QUANTITIES	24X26	1,870	160	140	0.4	RUNTAL OMNIPANELTW9	

1. CONTRACTOR TO INSTALL PER THE MANUFACTURERS RECOMMENDATIONS. 2. CONTRACTOR TO PROVIDE CHROME PIPE COVERS FOR EXPOSED PIPING.

3. PROVIDE CHROME ANGLE CONTROL VALVE.

CHILLED BEAM UNIT SCHEDULE (CB)

																	CHILL	ED DEF	AIVI UIV	ш эсп	IEDULE	: (СВ)																				
Room Description					Ir	nduction	Beam/C	Chilled Be	eam Units	Air Side														Cooling												Heati	ng				Sound	& Throw
Unit ID	Room Name	Area (Sq. Ft.)	People	2 or 4 Pipe	Pressure (inch of water)	GPM (	GPM	IIA) N	Model	Qty	Required Vent. CFM	Actua Termin Prima Air CF	ry Room A	\Ir  ⊨+	q. CFM/S Ft		ng EWT	°F LW	T°F Co	oil EAT C	Coil EAT WB °F	LAT DB °F	LAT WB °F	Fluid PD /Unit	Coil Sensible Cooling BTU	Total Room Sensible BTU	Coil Latent BTU	Condensate Gallon/Hr		Total Room Cooling BTU	Koom	Actual Heating GPM/Unit	EWT °F	LWT (°F)	Coil EAT  DB °F  (room  return)		Fluid PE /Unit	Coil Sensible Heating BTU	Total BTU Heating	Target Room Total BTU Heating	NC Sound	Throw Terminal d Velocity Under 100 fpm
8-CB-1	Single C611	159	1	4 Pipe	0.6	0.5	0.	).5	AIB-124-31	1	70	70	261	159	1.64	0.5	45	55	5.7	75	62.6	62.6	0	0.7	2530	4049	0	0	463	4512	1256	0.5	160	136.5	70	97.5	0.33	5616	5008	4747	NC24	9
8-CB-2	Single C610	211	1	4 Pipe	0.7	0.5	0.	).5	AIB-124-31	1	75	76	283	211	1.34	0.5		_	5.1	75	62.6	63.2	0	0.7	2622	4271	0	0	503	4773	3051	0.5	160	135.6	70	96.3	0.33	5824	5165	5040	NC26	10
8-CB-3	Double C613	172	1	4 Pipe	0.5	0.5	0.	).5	AIB-124-24	1	37.5	40	172	172	1	0.5			5.2	75	62.6	59.1	56.4	0.7	2222	3090	196	0.022	461	3551	2143	0.5	160	140.3	70	103.4		4713	4366	4307	NC26	6
8-CB-4	Double C613	172	1	4 Pipe	0.5	0.5		).5	AIB-124-24	1	37.5	40	172	172	1	0.5			5.2	75	62.6	59.1	56.4	0.7	2222	3090	196	0.022	461	3551	2143	0.5	160	140.3	70	103.4		4713	4366	4307	NC26	6
8-CB-5	Double C612	145	1	4 Pipe	0.5	0.7	0.	).5	AIB-124-24	1	37.5	40	172	145	1.19	0.5		_	5.2	75	62.6	59.1	56.4	0.7	2222	3090	196	0.022	461	3551	2422	0.7	160	144.8	70	106	0.62	5084	4737	4592	NC26	6
8-CB-6	Double C612	145	1	4 Pipe	0.5	0.5	0.	).5	AIB-124-24	1	37.5	40	172	145	1.19	0.5	45	55	5.2	75	62.6	59.1	56.4	0.7	2222	3090	196	0.022	461	3551	2422	0.5	160	140.3	70	103.4	0.33	4713	4366	4592	NC26	6
8-CB-7	Equip Storage C615	137	1	4 Pipe	0.5	0.5	0.	).5	Mini Q-24	1	0	70	249	137	1.81	0.5	45	55	5.9	75	62.6	61.7	0	0.1	2581	4035	0	0	443	4478	1631	0.5	160	130.1	70	106.8	0.37	7135	6553	4488	NC21	10
8-CB-8	Nurse Station C617	205	5	4 Pipe	0.5	0.5	0.	0.8	Mini Q-24	1	55	70	249	205	1.21	0.8	45	5	53	75	62.6	59.3	0	0.26	3040	4494	0	0	443	4937	4827	0.5	160	130.1	70	106.8	0.37	7135	6553	6109	NC21	10
8-CB-9	Nurse Manager C617A	116	3	4 Pipe	0.5	0.5	0.	).5	Mini Q-24	1	30	70	249	116	2.14	0.5			5.9	75	62.6	61.7	0	0.1	2581	4035	0	0	443	4478	3215	0.5	160	130.1	70	106.8	0.37	7135	6553	3897	NC21	10
8-CB-10	Medication C618	99	1	4 Pipe	0.6	0.5	0.	).5	AIB-222-38	1	75	52	215	99	2.17	0.5	45	52	2.4	75	62.6	65	0	0.07	1745	2866	0	0	342	3208	1092	0.5	160	150.5	70	95.9	0.02	2260	1811	3897	NC24	6
8-CB-11	Staff Lounge C623	156	6	4 Pipe	0.5	0.5	0.	).5	Mini Q-24	1	42	70	249	156	1.59	0.5	45	55	5.9	75	62.6	61.7	0	0.1	2581	4035	0	0	443	4478	4056	0.5	160	130.1	70	106.8	0.37	7135	6553	0	NC21	10
8-CB-12	Single C620	215	1	4 Pipe	0.7	0.5	0.	).5	AIB-124-31	1	75	76	283	215	1.32	0.5	45	56	5.1	75	62.6	63.2	0	0.7	2622	4271	0	0	503	4773	3270	0.5	160	135.6	70	96.3	0.33	5824	5165	5040	NC26	10
8-CB-13	Double C622	140	1	4 Pipe	0.5	0.6	0.	).5	AIB-124-24	1	37.5	40	172	140	1.23	0.5	45	55	5.2	75	62.6	59.1	56.4	0.7	2222	3090	196	0.022	461	3551	2450	0.6	160	142.8	70	105	0.46	4933	4586	4557	NC26	6
8-CB-14	Double C622	140	1	4 Pipe	0.5	0.6	0.	).5	AIB-124-24	1	37.5	40	172	140	1.23	0.5	45	55	5.2	75	62.6	59.1	56.4	0.7	2222	3090	196	0.022	461	3551	2450	0.6	160	142.8	70	105	0.46	4933	4586	4557	NC26	6
8-CB-15	Double C624	166	1	4 Pipe	0.5	0.5	0.	).5	AIB-124-24	1	30	40	172	166	1.04	0.5	45	55	5.2	75	62.6	59.1	56.4	0.7	2222	3090	196	0.022	461	3551	2000	0.5	160	140.3	70	103.4	0.33	4713	4366	3800	NC26	6
8-CB-16	Double C624	166	1	4 Pipe	0.5	0.5	0.	).5	Mini Q-24	1	30	70	249	166	1.5	0.5	45	55	5.9	75	62.6	61.7	0	0.1	2581	4035	0	0	443	4478	2000	0.5	160	130.1	70	106.8	0.37	7135	6553	3800	NC21	10
8-CB-17	Double C629	166	1	4 Pipe	0.5	0.5	0.	).5	AIB-124-24	1	30	40	172	166	1.04	0.5	45	55	5.2	75	62.6	59.1	56.4	0.7	2222	3090	196	0.022	461	3551	2125	0.5	160	140.3	70	103.4	0.33	4713	4366	3882	NC26	6
8-CB-18	Double C629	166	1	4 Pipe	0.5	0.5	0.	).5	Mini Q-24	1	30	70	249	166	1.5	0.5	45	55	5.9	75	62.6	61.7	0	0.1	2581	4035	0	0	443	4478	2125	0.5	160	130.1	70	106.8	0.37	7135	6553	3882	NC21	10
8-CB-19	Clean Room C628	155	0	4 Pipe	0.5	0.5	0.	).5	Mini Q-24	1	0	70	249	155	1.6	0.5	45	55	5.9	75	62.6	61.7	0	0.1	2581	4035	0	0	443	4478	471	0.5	160	130.1	70	106.8	0.37	7135	6553	0	NC21	10
8-CB-20	Single C635	139	1	4 Pipe	0.5	0.7	0.	).5	AIB-124-24	1	35	40	172	139	1.24	0.5	45	55	5.2	75	62.6	59.1	56.4	0.7	2222	3090	196	0.022	461	3551	2708	0.7	160	144.8	70	106	0.62	5084	4737	4698	NC26	6
8-CB-21	Single C630	141	1	4 Pipe	0.5	0.7	0.	).5	AIB-124-24	1	40	40	172	141	1.22	0.5	45	55	5.2	75	62.6	59.1	56.4	0.7	2222	3090	196	0.022	461	3551	2645	0.7	160	144.8	70	106	0.62	5084	4737	4728	NC26	6
8-CB-22	Single C637	140	1	4 Pipe	0.5	0.8	0.	).5	AIB-124-24	1	35	40	172	140	1.23	0.5	45	55	5.2	75	62.6	59.1	56.4	0.7	2222	3090	196	0.022	461	3551	2747	0.8	160	146.4	70	106.9	0.8	5201	4854	4823	NC26	
8-CB-23	Single C632	140	1	4 Pipe	0.5	0.8	0.	).5	AIB-124-24	1	35	40	172	140	1.23	0.5	45	55	5.2	75	62.6	59.1	56.4	0.7	2222	3090	196	0.022	461	3551	2660	0.8	160	146.4	70	106.9	0.8	5201	4854	4823	NC26	
8-CB-24	Single C639	140	1	4 Pipe	0.5	0.8	0.	).5	AIB-124-24	1	35	40	172	140	1.23	0.5	45	55	5.2	75	62.6	59.1	56.4	0.7	2222	3090	196	0.022	461	3551	2747	0.8	160	146.4	70	106.9	0.8	5201	4854	4823	NC26	6
8-CB-25	Single C634	140	1	4 Pipe	0.5	0.8	0.	).5	AIB-124-24	1	35	40	172	140	1.23	0.5	45	55	5.2	75	62.6	59.1	56.4	0.7	2222	3090	196	0.022	461	3551	2770	0.8	160	146.4	70	106.9	0.8	5201	4854	4823	NC26	6
8-CB-26	Single C642	140	1	4 Pipe	0.5	2	0.	).5	AIB-126-24	1	35	60	258	140	1.84	0.5	45	58	3.7	75	62.6	59.8	57.1	1.06	3188	4490	53	0.006	449	4940	4049	2	160	151.1	70	110.2	7.1	8520	7999	7477	NC26	6
8-CB-27	Single C636	142	1	4 Pipe	0.5	1.2	0.	).5	AIB-126-24	1	40	60	258	142	1.82	0.5	45	58	3.7	75	62.6	59.8	57.1	1.06	3188	4490	53	0.006	449	4940	3610	1.2	160	145.9	70	108.2	2.64	8082	7562	7507	NC26	6
						1																																		T	Т	1

						AIR DEVICE SO	HEDULE	(SUP	PLY)			
		AIR	LOW	MAX		PANEL/FRAME SIZE	NECK SIZE					
MARK	TYPE	MIN	MAX	APD	MOUNTING	Ni. Ni	la l	NC	DAMPER	FINISH	BASIS OF DESIGN (OR APPROVED EQUAL)	REMARKS
		CFM	CFM	IN WG		IN x IN	IN					
CD-1	ADJUSTABLE SQUARE CONE DIFFUSER	-	100	0.030	RECESSED IN T- BAR CEILING	24X24	6	-	RADIAL OPPOSED BLADE	WHITE POWDER COAT	PRICE SCDA 4-CONE	
CD-2	ADJUSTABLE SQUARE CONE DIFFUSER	100	225	0.100	RECESSED IN T- BAR CEILING	24X24	8	17	RADIAL OPPOSED BLADE	WHITE POWDER COAT	PRICE SCDA 4-CONE	
CD-3	ADJUSTABLE SQUARE CONE DIFFUSER	225	360	0.120	RECESSED IN T- BAR CEILING	24X24	10	20	RADIAL OPPOSED BLADE	WHITE POWDER COAT	PRICE SCDA 4-CONE	
NOTES:		<u>i</u>	<u> </u>	1	<u> </u>		1	<u> </u>	BEADE	OOAT		1

. CONTRACTOR TO INSTALL PER THE MANUFACTURERS RECOMMENDATIONS.

2. CONTRACTOR TO COORDINATE FRAME AND MOUNTING TYPE WITH THE ARCHITECTS CEILING.

		1. SEE DET	AIL FOR DAMPE
		2. PROVIDE	COLLAR AND
		3 CONTRA	CTOR TO COOR
	•		
REMARKS		MARK	LOCATION
		EF-79	SHAFT #4 ROO

						AIR DEVICE SC	HEDULE (	EXH	AUST)			
		AIR F	LOW	MAX		PANEL/FRAME SIZE	NECK SIZE				BASIS OF DESIGN	
MARK	TYPE	MIN	MAX	APD	MOUNTING	PAINEDI NAIVE SIZE	NEOR SIZE	NC	DAMPER	FINISH	(OR APPROVED	REMARKS
		CFM	CFM	IN WG		IN x IN	IN x IN				EQUAL)	
EG-1	PERFORATED	-	125	0.042	CEILING	12 x 12	6X6	-	NONE	WHITE POWDER COAT	PRICE PDDR	
EG-2	PERFORATED	100	250	0.083	CEILING	24 x 24	8X8	-	NONE	WHITE POWDER COAT	PRICE PDDR	
EG-3	PERFORATED	250	480	0.114	CEILING	24 × 24	10X10	-	NONE	WHITE POWDER COAT	PRICE PDDR	
EG-4	LOUVERED FACE	160	300	0.097	WALL	12x8	12x8	24	NONE	WHITE POWDER COAT	PRICE 530	3/4 INCH BLADE SPACING
EG-5	LOUVERED FACE	55	100	0.035	CEILING	8x8	8X8	-	NONE	WHITE POWDER COAT	PRICE 635	1-1/4 BORDER, COUNTERSUNK SCREWHOLES
NOTE:	_			_						·		_

Date

1. CONTRACTOR TO INSTALL PER THE MANUFACTURERS RECOMMENDATIONS. 2. CONTRACTOR TO COORDINATE FRAME AND MOUNTING TYPE WITH THE ARCHITECTS CEILING AND APPLICATION. CONTRACTOR TO PROVIDE 12x12 FRAME WHERE INDICATED ON DRAWINGS.

4. CONTRACTOR TO COORDINATE COLOR SELECTION WITH THE ARCHITECT.

								AIR DEVIC	E SCH	EDULE (L	INEAR)					
	MARK TYPE	AIR F	LOW	MAX			SLOT	PANEL/FRAME SIZE	NECK SIZE							
MARK	TYPE	MIN	MAX	APD	THROW	# OF SLOTS	WIDTH	IN	IN	THROW PATTERN	THROW TYPE	NC	DAMPER	FINISH	BASIS OF DESIGN (OR APPROVED EQUAL)	REMARKS
		CFM	CFM	IN WG	FT		IN									
LD-1	LINEAR	150	200	0.06	7-17-23	2	0.75	48 x 5	8ø	ADJUSTABLE	HORIZONTAL	20	NONE	WHITE	PRICE SDS WITH SDBI INSULATED PLENUM	
NOTES:						,				•	•					

MPER IN BRANCH DUCT SERVING EACH DIFFUSER.

D TRANSITION AS REQUIRED.

ORDINATE FRAME AND MOUNTING TYPE WITH THE ARCHITECTS CEILING TYPE.

										FA	N SCI	HEDU	LE								
		AREA		ΛID			FAN						MOTOF	ELECT	RICAL						
MARK	AND/O		SYSTEM AND/OR SERVICE	AIR FLOW	ESP	TYPE	WHEEL	DIAMETER	DRIVE	FAN MAX RPM	NOM POV	VER	PHASE	VOLT	RPM	SPEED CONTROL	CONTROL SEQUENCE	BASIS OF DESIGN (OR APPROVED EQUAL)	REMARKS		
				CFM	IN			IN		KEW	BHP	HP									
EF-79	SHAFT #4 ROOF	6C, 7C ISO ROOMS	AC-08	1775	3.5	UTILITY SET	BACKWARD INCLINED	12.25	DIRECT	2710	1.6	5	3	208	1750	VARIABLE		GREENHECK 12-CSW-BI-41-4-100-II-50	PROVIDE VARIABLE FREQUENCY DRIVE, BACKDRAFT DAMPER, EQUIPMENT SUPPORT BASE RAILS.		

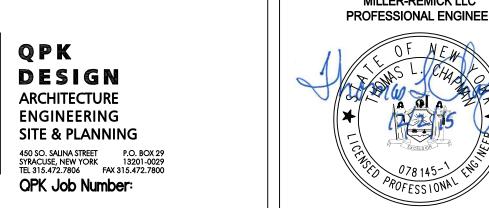
ALL SELECTIONS ARE BASED ON AN ALTITUDE OF 420 FT.

							AIR	R FILTER S	CHEC	ULE						
			SYSTEM		AIR		APD			CARTRIDGES		BASIS OF DESIGN				
MARK	I CACALICANI I	AREA AND/OR BLDG SERVED	AND/OR	MERV RATING	FLOW	INITIAL	CHANGEOVER	HOUSING TYPE	#	SIZE	ARRANGEMENT	(OR APPROVED	REMARKS			
			SERVICE		CFM	IN	IN		#	IN	ARRANGEIVIENT	EQUAL)	NEWANNS			
PFE-79	SHAFT#4 9TH FLOOR	6C ISO ROOMS	EF-79	8	1775	0.14	0.3	SIDE ACCESS	2	24X24X2	1X2	CAMFIL FARR 30/30				
HFE-79	SHAFT#4 9TH FLOOR	6C ISO ROOMS	EF-79	20	1775	0.8	1.5	SIDE ACCESS	2	24x24x12	1X2	CAMFIL FARR XS ABSOLUTE	PROVIDE GB GASKET SEAL BIBO HOUSING WITH DUCT FLANGES, STATIC RPESSURE TAPS ACROSS BOTH PRE AND HEPA FILTES, AND 0-2" W.G. DIFFERENTIAL PRESSURE GAGE EACH FILTER			

**100% FOR CONSTRUCTION FULLY SPRINKLERED** 



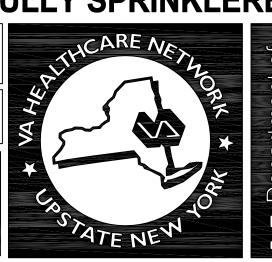




MILLER-REMICK LLC PROFESSIONAL ENGINEER
OF NEW OF NEW OF A STATE OF THE

Reviewed: Facility Manager  Reviewed: Facility Director	MECHANICAL SCHEDULES	Project Title  RENOVATION FOR 6C					
Reviewed:	Approved: Project Director	Building Number NO. 1	Checked  GFE/AF	Drawn <b>VRR</b>			

12-04-2015 528A7-14-719 DRAWING NO. MG-601



VA FORM 08-6231

VAMC SYRACUSE, NY

Dwg. **37** Of **74** 

HOT WATER HEATING COIL SCHEDULE														
MARK LOCATION	AREA		AIR	MAX FACE	۸DD	TEMPERATURES		TOTAL MIN		HOT W	/ATER			
	į	APPLICATION	FLOW	VELOCITY	APD	EAT	LAT	CAPACITY	FLOW EWT		LWT WPD		% GLYCOL	BASIS OF DESIGN OR APPROVED EQUAL
	SERVED	****	CFM	FPM	IN WG	۴	°F	MBH	GPM	°F	°F	FT		
ISOLATION C626	ISOLATION C626	REHEAT	200	320	0.07	55	104	10.96	1	180	160	0.02	0	HEATCRAFT
ISOLATION C626	ISOLATION C626	REHEAT	200	320	0.07	55	104	10.96	1	180	160	0.02	0	HEATCRAFT
	ISOLATION C626	LOCATION AND/OR BLDG SERVED ISOLATION C626 ISOLATION ISOLATION ISOLATION ISOLATION	LOCATION  AND/OR BLDG SERVED  ISOLATION C626  ISOLATION C626  ISOLATION C626  ISOLATION C626  REHEAT	LOCATION AND/OR BLDG SERVED APPLICATION FLOW  ISOLATION C626 ISOLATION C626 REHEAT 200  ISOLATION C626 ISOLATION REHEAT 200	LOCATION         AREA AND/OR BLDG SERVED         APPLICATION         AIR FLOW         MAX FACE VELOCITY           ISOLATION C626         ISOLATION C626         REHEAT         200         320           ISOLATION C626         ISOLATION ISOLATION C626         REHEAT         200         320	LOCATION         AREA AND/OR BLDG SERVED         APPLICATION         AIR FLOW VELOCITY         MAX FACE VELOCITY         APD           ISOLATION C626         ISOLATION C626         REHEAT         200         320         0.07           ISOLATION C626         ISOLATION C626         REHEAT         200         320         0.07	LOCATION         AREA AND/OR BLDG SERVED         APPLICATION         AIR FLOW VELOCITY         MAX FACE VELOCITY         APD         TEMPER           ISOLATION C626         ISOLATION C626         REHEAT         200         320         0.07         55           ISOLATION C626         ISOLATION REHEAT         200         320         0.07         55	LOCATION         AREA AND/OR BLDG SERVED         APPLICATION         AIR FLOW VELOCITY         MAX FACE VELOCITY         APD         TEMPERATURES           ISOLATION C626         ISOLATION C626         REHEAT         200         320         0.07         55         104           ISOLATION C626         ISOLATION C626         ISOLATION C626         REHEAT         200         320         0.07         55         104	LOCATION         AREA AND/OR BLDG SERVED         APPLICATION         AIR FLOW         MAX FACE VELOCITY         APD         TEMPERATURES TOTAL MIN CAPACITY           ISOLATION C626         ISOLATION C626         REHEAT         200         320         0.07         55         104         10.96           ISOLATION C626         ISOLATION C626         ISOLATION C626         REHEAT         200         320         0.07         55         104         10.96	AREA AND/OR BLDG SERVED APPLICATION C626 ISOLATION	AREA AND/OR BLDG SERVED APPLICATION C626 ISOLATION	AREA   AND/OR   BLDG   SERVED   APPLICATION   AIR   FLOW   VELOCITY   FLOW   EWT   LWT	AREA   AND/OR   BLDG   SERVED   APPLICATION   AIR   FLOW   FLOW	AREA AND/OR BLDG SERVED   APPLICATION   AIR FLOW   FLOW

NOTES:

1. INSTALL PER THE MANUFACTURERS INSTALLATION INSTRUCTIONS.

2. CONTRACTOR IS RESPONSIBLE FOR DUCTED TRANSITIONS FOR THE COILS.

VA FORM 08-6231

		INDIVIDUAL	SUPPLY						RETURN OR EXHAUST					MAIR						
ROOM NAME & NUMBER	HANDLING UNIT NO	TERMINAL UNIT OR CHILLED BEAM	ROOM TEMP CONTROL	ROOM AIR FLOW	TOTAL AIR CHANGES	OUTDOOR AIR FLOW	OA AIR CHANGES	# OF AIR DEVICES	AIR DEVICE MARK	RETURN OR SUPPLY FAN EXHAUST	AIR FLOW	# OF AIR DEVICES	AIR DEVICE MARK	RETURN OR EXHAUST FAN	FLO	OW	BALANCE	INFILTRATION	EXFILTRATION	N REMARKS
				CFM		CFM				(R/E)	CFM		IVIARK	FAN	CV	VAV		CFM	CFM	
Corridor C600A	AC-8	8-TU-4	YES	255	4	255	4	2	CD-2	EXHAUST	200	1	EG-2	EF-08		Х	+		55	
Corridor C600B	AC-8	8-TU-5	YES	355	4	355	4	3	CD-2	EXHAUST	250	1	EG-2	EF-08		Х	+		105	
Corridor C600C	AC-8	8-TU-6	YES	350	4	350	4	3	CD-2	EXHAUST	250	1	EG-2	EF-08		Х	+		100	
Corriord C600D	AC-8	8-TU-6	NO	90	5	90	5	1	CD-1	NA						X	+		90	
Single C611	AC-8	8-CB-1	YES	261	12	75	4	1	8-CB-1	NA					X		0			2
Toilet C611A	AC-8	8-CB-1	YES	NA	10	NA	NA			EXHAUST	75	1	EG-5	EF-08	Х			75		1
Single C610	AC-8	8-CB-2	YES	283	13	70	3	1	8-CB-2	NA					Х		0			2
Toilet C610A	AC-8	8-CB-2	YES	NA	10	NA	NA			EXHAUST	70	1	EG-5	EF-08	Х			70		1
Double C613	AC-8	8-CB-4 & 8-CB-3	YES	344	9	80	2	2	8-CB-4 & 8-CB-3	NA	80	1	EG-5		Х		0			2
Toilet C613A	AC-8	8-CB-4 & 8-CB-3	YES	NA	10	NA	NA			EXHAUST	80	1	EG-5	EF-08	Х			80		1
Double C612	AC-8	8-CB-6 & 8-CB-5	YES	344	9	80	2	2	8-CB-6 & 8-CB-5	NA					Х		0			2
Toilet C612A	AC-8	8-CB-6 &	YES	NA	10	NA	NA		0-OB-3	EXHAUST	80	1	EG-5	EF-08	Х			80		
quipment Storage C615	AC-8	8-CB-5 8-CB-7	YES	249	14	70	4	1	8-CB-7	EXHAUST	50	1	EG-1	EF-08	Х		+		20	
HAC C614	AC-8	2	NO	100	25	NA	NA			EXHAUST	100	1	EG-5	EF-08	X			100		3
Nurse Station C617	AC-8	8-CB-8	YES	249	9	70	3	1	8-CB-8		_		-		-		0			4
Nurse Manager C617A	AC-8	8-CB-9	YES	249	16	70	5	1	8-CB-12	EXHAUST	70	1	EG-1	EF-08	X		0			7
Medication C618	AC-8	8-CB-10	YES	166	13	35	3	1	8-CB-10	EXHAUST	25	1	EG-1	EF-08	X		+		10	2
	AC-8	8-CB-11	YES	249		70	3	1	8-CB-11	EXHAUST	80	1	EG-1	EF-08	X			10	10	2
Staff Lounge C623					12					EATAUST	00	1	EG-I	EF-00	^		-	10		0
Single C620	AC-8	8-CB-12	YES	283	13	75	4	1	8-CB-12			,					0			2
Toilet C620A	AC-8	8-CB-12	YES	NA	10	NA	NA			EXHAUST	75	1	EG-5	EF-08	Х			75		1
Staff Alcove	AC-8	8-TU-6	NO	45	4	45	4	1	CD-1	EXHAUST	50	1	EG-1	EF-08	X		+			COMMON TO COR
Staff Toilet C625	AC-8	8-TU-6 8-CB-14 &	YES	NA	10	NA	NA		8-CB-14 &	EXHAUST	75	1	EG-5	EF-08	X			75		5
Double C622	AC-8	8-CB-13 8-CB-14 &	YES	344	9	80	2	2	8-CB-13						X		0			2
Toilet C622A	AC-8	8-CB-13	YES	NA	10	NA	NA		9 CD 16 9	EXHAUST	80	1	EG-1	EF-08	X			80		1
Double C624	AC-8	8-CB-16 & 8-CB-15	YES	421	14	110	4	2	8-CB-16 & 8-CB-15						X		0			2
Toilet C624A	AC-8	8-CB-16 & 8-CB-15	YES	NA	10	NA	NA		0.00.40.0	EXHAUST	110	1	EG-5	EF-08	Х			110		1
Double C629	AC-8	8-CB-18 & 8-CB-17	YES	421	14	110	4	2	8-CB-18 & 8-CB-17								0			2
Toilet C629A	AC-8	8-CB-18 & 8-CB-17	YES	NA	10	NA	NA			EXHAUST	110	1	EG-5	EF-08	Х			110		1
Single C626	AC-8	8-TU-2	YES	215	12	215	12	1	LD-1	EXHAUST	160	1	EG-4	EF-79		Х	-	15		2
Toilet C626A	AC-8	8-TU-2	YES	NA	10	NA	NA			EXHAUST	55	1	EG-5	EF-79		Х		55		1
Single C631	AC-8	8-TU-3	YES	215	12	215	12	1	LD-1	EXHAUST	160	1	EG-4	EF-79		Х	-	15		2
Toilet C631A	AC-8	8-TU-3	YES	NA	10	NA	NA			EXHAUST	55	1	EG-5	EF-79		Х		<b>5</b> 5		1
Soiled Utility C633	AC-8	8-TU-1	YES	100	8	70	6	1	CD-1	EXHAUST	100	1	EG-5	EF-08	Х			30		
Clean Room C628	AC-8	8-CB-19	YES	249	12	70	3	1	8-CB-19	EXHAUST	50	1	EG-1	EF-08	X		+		20	
Single C635	AC-8	8-CB-20	YES	172	9	40	2	1	8-CB-20						Х		0			2
Toilet C635A	AC-8	8-CB-20 & 8-CB-22	YES	NA	10	NA	NA			EXHAUST	85	1	EG-5	EF-08	X			85		1
Single C630	AC-8	8-CB-21	YES	172	9	40	2	1	8-CB-21						X		0			
Toilet C630A	AC-8	8-CB-21 & 8-CB-23	YES	NA	10	NA	NA			EXHAUST	85	1	EG-5	EF-08	X			85		
Single C637	AC-8	8-CB-23 8-CB-22	YES	172	9	40	2	1	8-CB-22						Х		0			
Single C632	AC-8	8-CB-23	YES	172	9	40	2	1	8-CB-22						Х		0			
Single C639	AC-8	8-CB-24	YES	172	9	40	2	1	8-CB-24						Х		0			
Toilet C639A	AC-8	8-CB-24 &	YES	NA	10	NA NA	NA NA			EXHAUST	100	1	EG-5	EF-08	X			100		
Single C634	AC-8	8-CB-26 8-CB-25	YES	172	9	40	2	1	8-CB-25	2,4 11,001		•			X		0			
Toilet C634A	AC-8	8-CB-25 &	YES	NA	10	NA	NA		55-25	EXHAUST	100	1	EG-5	EF-08	X			100		
TOTICE OUU4A	AC-8	8-CB-27 8-CB-26	YES	258	14	60	3		8-CB-26	EATAUST	100	ı	LU-0	LI -00	X		0	100		

ROOM AIR BALANCE SCHEDULE

1. TOILET ROOM VENTILATION IS ACHIEVED BY EXHAUST AND TRANSFER FROM THE ADJACENT PATIENT ROOM(S).

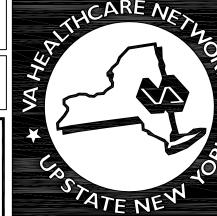
2. PATIENT ROOMS EXHAUST IS ACHIEVED THROUGH TRANSFER TO THE CONNECTED TOILET ROOM. THE TOILET ROOM MAKES ALL PATIENT ROOMS NEUTRAL RELATIVE TO THE CORRIDOR.

3. HAC ROOMS ARE EXHAUST ONLY, HEATING AND COOLING IS ACHIEVED THROUGH TRANSFER AIR FROM THE CORRIDOR.

4. NURSE STATION EXHAUST IS ACHIEVED THROUGH TRANSFER TO THE ADJACENT CORRIDOR. 5. STAFF TOILET ROOM IS HEATING ONLY AND IS SUPPLIED BY A RADIANT WALL PANEL. SUPPLY AIR IS TRANSFERRED FROM ADJACENT CORRIDOR.

## **100% FOR CONSTRUCTION**









Date





Reviewed: Facility Director	MECHANICAL SCHEDULES	RENOVATIO	12-04-2015 Project No. 528A7-14-719		
Reviewed:	Approved: Project Director	Building Number NO. 1	Checked JAS	Drawn PNL	DRAWING NO.  MG-602
Reviewed:		Location VAMC SYRACUS	Dwg. 38 Of 74		

Project Title

Drawing Title

